

USSN 09/677,060  
Page 2 of 14

**IN THE CLAIMS:**

Please amend the claims as follows:

1. **(Previously Presented)** A method of transporting bifurcated voice and signaling data over a network, comprising the steps of:
  - identifying at a subscriber device, for each communication link to be established, respective signaling data and voice data; and
  - transmitting from the subscriber device said signaling data via a first network and said voice data via a second network, wherein the first network is different from the second network.
2. **(Previously Presented)** The method of claim 1, wherein said first network is a wireless network.
3. **(Previously Presented)** The method of claim 1, wherein said second network is a data packet network.
4. **(Original)** The method of claim 1, further comprising the steps of:
  - communicating said signaling data to a switch.
5. **(Original)** The method of claim 1, further comprising:
  - communicating said voice data to a switch.
6. **(Original)** The method of claim 3, wherein said voice data is subject to compression processing compatible with a wireless network.
7. **(Previously Presented)** The method of claim 4, wherein said step of communicating is made via a base station system.

391072-1

USSN 09/677,060  
Page 3 of 14

8. **(Previously Presented)** The method of claim 5, wherein said step of communicating is made via a means adapted to perform packet to circuit switched conversion and vice versa.
9. **(Original)** The method of claim 1, wherein said steps of identifying and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.
10. **(Original)** The method of claim 1, wherein said steps of identifying and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.
11. **(Previously Presented)** In a communication system for transporting bifurcated voice and signaling traffic over a network, a method comprising the steps of:
  - segregating at a subscriber device signaling traffic and related voice traffic including information useful in establishing a communications link for transporting said voice traffic between a calling party and a called party; and
  - transmitting from the subscriber device said voice traffic via said communications link established by a controller, said voice traffic and said signaling traffic being carried via different communication networks.
12. **(Previously Presented)** The method of claim 11, wherein one of said communication networks is a data packet network.
13. **(Original)** The method of claim 12, wherein said voice traffic is carried by said data packet network.
14. **(Original)** The method of claim 13, wherein said voice traffic is subject to compression processing compatible with a wireless network.

391072-1

USSN 09/677,060  
Page 4 of 14

15. **(Previously Presented)** The method of claim 11, wherein one of said communication networks is a wireless network
16. **(Original)** The method of claim 15 wherein said signaling traffic is carried by said wireless network.
17. **(Original)** The method of claim 11, wherein said controller is a switch.
18. **(Original)** The method of claim 11, wherein said signaling traffic is transmitted to said controller via a base station system.
19. **(Previously Presented)** The method of claim 11, wherein said voice traffic is communicated to said controller via a means adapted to perform packet to circuit switched conversion and vice versa.
20. **(Original)** The method of claim 11, wherein said steps of segregating and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.
21. **(Original)** The method of claim 11, wherein said steps of segregating and transmitting are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.
22. **(Previously Presented)** The method of claim 11 further comprising the step of:  
switching the voice traffic to the same communication network as the signaling traffic when loss of local power is detected.

USSN 09/677,060  
Page 5 of 14

23. **(Previously Presented)** In a communication system for transporting bifurcated voice and signaling traffic between a calling party and called party, a method comprising the steps of:

identifying at a subscriber device a call request;

establishing a signaling link from the subscriber device to a switch via a first transport network and

establishing a voice path from the subscriber device to said switch via a second transport network responsive to a determination that said called party answers, said first transport network being different from said second transport network.

24. **(Previously Presented)** The method of claim 23, wherein said first network is a wireless network.

25. **(Previously Presented)** The method of claim 24, wherein signaling traffic is transmitted over said wireless network.

26. **(Previously Presented)** The method of claim 23, wherein said second network is a data packet network.

27. **(Previously Presented)** The method of claim 26, wherein voice traffic is communicated over said data packet network.

28. **(Previously Presented)** The method of claim 27, wherein said voice traffic is subject to compression processing compatible with a wireless network.

29. **(Previously Presented)** The method of claim 23 further comprising the step of:  
switching the voice traffic to the same network as the signaling traffic when loss of local power is detected.

391072-1

USSN 09/677,060

Page 6 of 14

30. **(Original)** The method of claim 23, wherein said steps of identifying and said first and second steps of establishing are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having integrated MTA and CT portions.

31. **(Original)** The method of claim 23, wherein said steps of identifying and said first and second steps of establishing are performed via a Media Terminal Adapter-Cellular Transceiver (MTA-CT) having non-integrated MTA and CT portions.

32. **(Currently Amended)** A communications system, comprising:  
a subscriber device for providing bifurcated voice and signaling traffic over a network, wherein said subscriber device comprises a Media Terminal Adapter (MTA) portion and a Cellular Transceiver (CT) portion; and  
means for converting data packets to circuit switched traffic and vice versa.

33. **(Currently Amended)** The communications system of claim 32, wherein said device is a Media Terminal Adapter-Cellular Transceiver (MTA-CT), wherein the MTA portion and the CT portion are ~~having non-integrated MTA and CT portions.~~

34. **(Currently Amended)** The communications system of claim 32, wherein said device is a Media Terminal Adapter-Cellular Transceiver (MTA-CT), wherein the MTA portion and the CT portion are ~~having integrated MTA and CT portions.~~

35. **(Previously Presented)** A computer readable medium storing a software program, that when executed by a computer, causes the computer to perform a method comprising:

segregating at a subscriber device signaling traffic and related voice traffic including information useful in establishing a communications link for transporting said voice traffic between a calling party and called party; and

391072-1

USSN 09/677,060

Page 7 of 14

transmitting from the subscriber device said voice traffic via said communications link established by a controller, said voice traffic and said signaling traffic being carried via different communication networks.

36. **(Original)** The computer readable medium of claim 35, wherein said controller is a switch.

37. **(Original)** The computer readable medium of claim 35, wherein said signaling traffic is communicated via a wireless network.

38. **(Original)** The computer readable medium of claim 35, wherein said voice traffic is communicated via a data packet network.

39. **(Original)** The computer readable medium of claim 38, wherein said voice traffic is subject to compression processing compatible with a wireless network.

391072-1